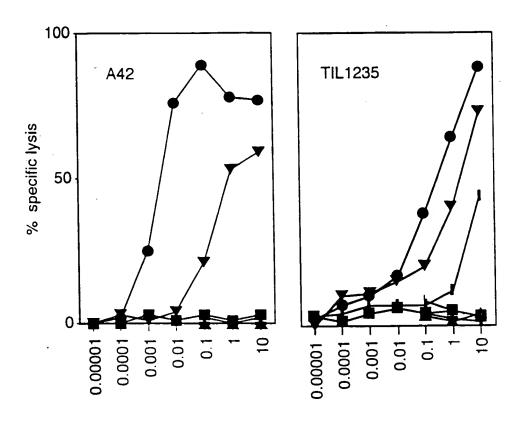
# FIGURE 1

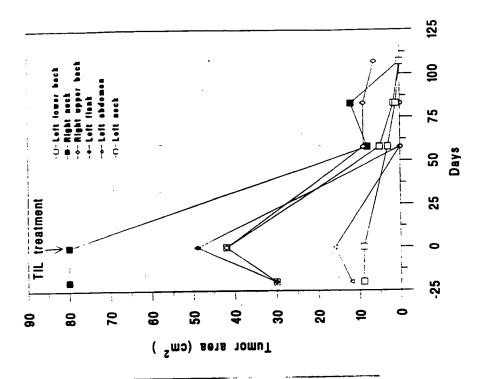
119	239 62	359	479	599	939 939 959	1319	1559	
AGCAGACAGAGACTCTCATTAAGGAAGG TGTCCTGTGCCTTACAAGATGCCA AGAGAAGATGCTCACTTCATCGTTAC CCCAAGAAGGGGCACGGCCACTCTTACACC Met Pro Arggluasplatispheilefyrglyyr Prolysiysiysiysissertyrthr	ATCGGCTGTTGGTATTGTAGAAGACGAAAT GGATACAGAGCCTTGATGGATAAAAGTCTT IleglyCystrpTyrCysArgArgArgAsn GlyTy1ArgAlaLeumetAspLysSerLeu	TGTGAACCTGTGGTTCCCAATGCTCCACCT Cysgluprovalvalproabnalapropro	CTCACACTTTTGCTTGAATTTAATACAGAC	GTACTAATCATGTGAGGAAATGATGAGAAA		TCCCAGGTTCAAGCAATTCTCCTGCCTTAAGGCGAAGCTCCTGAACTCCTGAACTTCAAGTCTTCAAGGCTCGCAGGTCTTCAAGGCTCGCAGGTTTCACTTTCAAGGCTCGCTC	GGAILCHAIRTAGTAAAGCTACTATGTACTGCCTT AGTGCTGATGCCTGTGTACTGCCTTAAATA AAATTAAGTAAAAGCTACTGTGTACTGCCTT AGTACAAAAAAAAAA	MISCIAITAGCICTCTCTGGGITC CCAATCCCTCTCACAGAATGTGCCAAGAATGTGCAAAAGAATGTGCTATGGGCAATTTAGCTCTTGGGTTC CCAAATCCTCTCACAAGAATGTGCAAAAAAAAAA
ATGCCA AGAGAAGATGCTCACTTCATCTATGGTTAC CCCAAGAAGGGGCACGGCCACTCTTACACC	ATCGGCTGTTGGTATTGTAGAAGACGAAAT GGATACAGAGCCTTGATGGATAAAAGTCTT 11eG1vCvsttpTvtCysArgArgArgAsh GlytyrArgAlaleuMetAspLysSerLeu	GACAGCAAAGTGTCTCTTCAAGAGAAAAACAABSBELY8VA1SerLeuGlnGluLy8A8n	AGACACCTGAGACATGCTGAAATTATTTCT	<b>を出しむしつからご キロンキのいかか キャ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・</b>	ACCTIONAL TITLE TO SECTION TO SEC		AMAZAGAAAAGCTACTATGTACTGCCTT	
RETCCTGTGCCCTGACCTACAAGATGCCA MGLPKO	CTGACAGTGATCCTGGGAGTCTTACTGCTC	AGATGCCCACAAGAAGGGTTTGATCATCGG	Argcys Front not a control of the co	ProproproTyrSerPro	AAAATGCAAGCCATCTCTAATAATAAGTC GTTGCAATGCATGATACTATCTGTGCCAGA TTGGCTAATAACAAGTAGTCAGGTTTTCG	GATACTITITACAGGITAAGACAAAGGGTTG ACTGGCCTATITATCTGATCAAGAACAGTGG GATACTITITACAGGITAAGAAGGAAGAGATTI CGCTTTTGTTGCCCAGGCTGGAGTGCAATG CTATAGCTCTTTTTTTTTGAAGAGGCGTGC GCCACTATGCTAATTTTGTAGTTTTT	CCICCIONEMO DE CONTROL DE ANTROCAGOCOTGAGOCO DE CONTROCACOCOTGAGOS DE CONTROCACO DE CONTROCACION DE CONTROCACI	CCAAATCCCTCTCACAAGAATGTGCAGAAG
AGCAGACAGAGGACTCTCATTAAGGAAGG	ACGCCTGAAGAGGCCGCTGGGATCGGCATC CTGACAGTGATCCTGGGAGTCTTACTGCTC	Thralagiugiu <u>alaalagiviis Leutnivallistanduvititationaanaattaanaanaanaanaanaanaanaanaanaanaa</u>	HisvalglyThrGlnCysAlaLeuThrArg ArgCysFrovingLoryFinesping	GCTIALGACACCICICATION OF A STATE	ATCTAATGTTCTCCTTTGGAATGGTGTAAG AAAAATGCAAGCCATCTCTAATAATAAGTCTCAATAATTAGCAATAATTGGGAAAACTCCATCAATAAAT GTTGCAATGCATGATAATAGGTTTTCG	GATACTUTITACAGGITAAGACAAAGGGTTG ACTGGCCTATTTATCTGATCAAGAACAIGI CATAGCTCTTTTTTTTGAGATGGAGTTT CGCTTTTGTTGCCCAGGCTGGAGTGCAATG CTATAGCTCTTTTTTTTTGAGATGGAGTTG GCCTATTTTTTTTTT	CCTCCCCCTCAGCCTCCCAAAGTGCTGG	TACCTATGGCAATTTAGCTCTCTTGGGTTC
<del></del> -	120	233	63	360 103	480 600 900	960	1200	1440





Peptide concentration (ug/ml)

FIGURE 2



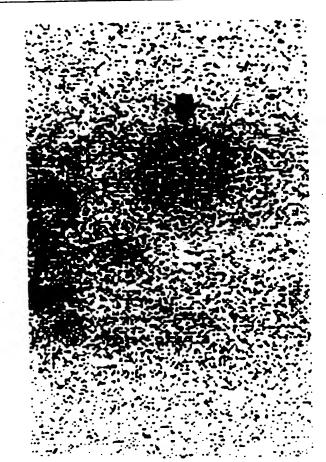


FIGURE 3A

GTCGACGGC	C ATTACCAATO	GCGACCGGGA	AGAACACA <u>AT</u>	40
<u>G</u> GATCTGGT(	G CTAAAAAGA1	GCCTTCTTCA	TTTGGCTGTG	80
ATAGGTGCTT	TGCTGGCTGT	GGGGGCTACA	AAAGTACCCA	120
GAAACCAGG?	CTGGCTTGGT	GTCTCAAGGC	AACTCAGAAC	160
CAAAGCCTG	AACAGGCAGC	TGTATCCAGA	GTGGACAGAA	200
GCCCAGAGAC	TTGACTGCTG	GAGAGGTGGT	CAAGTGTCCC	240
TCAAGGTCAG	TAATGATGGG	CCTACACTGA	TTGGTGCAAA	280
TGCCTCCTTC	TCTATTGCCT	TGAACTTCCC	TGGAAGCCAA	320
AAGGTATTGC	CAGATGGGCA	GGTTATCTGG	GTCAACAATA	360
CCATCATCAA	TGGGAGCCAG	GTGTGGGGAG	GACAGCCAGT	400
GTATCCCCAG	GAAACTGACG	ATGCCTGCAT	CTTCCCTGAT	440
GGTGGACCTT	GCCCATCTGG	CTCTTGGTCT	CAGAAGAGAA	480
GCTTTGTTTA	TGTCTGGAAG	ACCTGGGGCC	AATACTGGCA	520
ATTTCTAGGG	GGCCCAGTGT	CTGGGCTGAG	CATTGGGACA	560
GGCAGGGCAA	TGCTGGGCAC	ACACACCATG	GAAGTGACTG	600
TCTACCATCG	CCGGGGATCC	CGGAGCTATG	TGCCTCTTGC	640
TCATTCCAGC	TCAGCCTTCA	CCATTACTGA	CCAGGTGCCT	680
TTCTCCGTGA	GCGTGTCCCA	GTTGCGGGCC	TTGGATGGAG	720
GGAACAAGCA	CTTCCTGAGA	AATCAGCCTC	TGACCTTTGC	760
CCTCCAGCTC	CATGACCCCA	GTGGCTATCT	GGCTGAAGCT	800
GACCTCTCCT	ACACCTGGGA	CTTTGGAGAC	AGTAGTGGAA	840
CCCTGATCTC	TCGGGCACTT	GTGGTCACTC	ATACTTACCT	880
GGAGCCTGGC	CCAGTCACTG	CCCAGGTGGT	CCTGCAGGCT	920
GCCATTCCTC	TCACCTCCTG	TGGCTCCTCC	CCAGTTCCAG	960
GCACCACAGA	TGGGCACAGG	CCAACTGCAG	AGGCCCCTAA	1000
CACCACAGCT	GGCCAAGTGC	CTACTACAGA	AGTTGTGGGT	1040
ACTACACCTG	GTCAGGCGCC	AACTGCAGAG	CCCTCTGGAA	1080
CCACATCTGT	GCAGGTGCCA	ACCACTGAAG	TCATAAGCAC	1120

-

Express Mail Label No. EG 297 325 780 US

TGCACCTGTG CAGATGCCAA CTGCAGAGA	G CACAGGTATG	1160
ACACCTGAGA AGGTGCCAGT TTCAGAGGT	C ATGGGTACCA	1200
CACTGGCAGA GATGTCAACT CCAGAGGCT	A CAGGTATGAC	1240
ACCTGCAGAG GTATCAATTG TGGTGCTTTC	C TGGAACCACA	1280
GCTGCACAGG TAACAACTAC AGAGTGGGTG	G GAGACCACAG	1320
CTAGAGAGCT ACCTATCCCT GAGCCTGAAC	G GTCCAGATGC	1360
CAGCTCAATC ATGTCTACGG AAAGTATTAC	AGGTTCCCTG	1400
GGCCCCTGC TGGATGGTAC AGCCACCTTA	AGGCTGGTGA	1440
AGAGACAAGT CCCCCTGGAT TGTGTTCTGT	ATCGATATGG	1480
TTCCTTTTCC GTCACCCTGG ACATTGTCCA	GGGTATTGAA	1520
AGTGCCGAGA TCCTGCAGGC TGTGCCGTCC	GGTGAGGGG	1560
ATGCATTTGA GCTGACTGTG TCCTGCCAAG	GCGGGCTGCC	1600
CAAGGAAGCC TGCATGGAGA TCTCATCGCC		1640
CCCCTGCCC AGCGGCTGTG CCAGCCTGTG		1680
CAGCCTGCCA GCTGGTTCTG CACCAGATAC		1720
CTCGGGGACA TACTGCCTCA ATGTGTCTCT		1760
AACAGCCTGG CAGTGGTCAG CACCCAGCTT		1800
GTCAAGAAGC AGGCCTTGGG CAGGTTCCGC		
CATCTTGCTG GTGTTGATGG CTGTGGTCCT		1840
ATATATAGGC GCAGACTTAT GAAGCAAGAC		1880
CCCAGTTGCC ACATAGCAGC AGTCACTGGC	•	1920
CCGCATCTTC TGCTCTTGTC CCATTGGTGA		1960
CTCCTCAGTG GGCAGCAGGT CTGAGTACTC		2000
		2040
CTGTGATTTT CCTGGAGTTG ACAGAAACAC		2080
CCCAGTCTTC CCTGGGAGAC TACTATTAAC		2120
ACTCAGAGCC TGAAAAAAA TAAAAAAAA	дааааааа	2160
AAAAAAAA AA		2172

#### FIGURE 5A

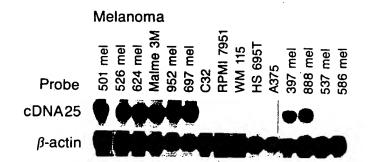
08 417174

1	MDLVLKRCLL	HLAVIGALLA	VGATKVPRNO	DWLGVSRQLR	TYNUNDATVD
51	<b>EWTEAQRLDC</b>	WRGGOVSLKV	SNDGPTLIGA	NASFSIALNF	PGSOKVII DDG
101	QVIWVNNTII	NGSQVWGGOP	VYPOETDDAC	IFPDGGPCPS	GSWSOKBSEV
151	YVWKTWGQYW	QFLGGPVSGL	SIGTGRAMLG	THTMEVTVYH	RRGSRSVVDI.
201	AHSSSAFTIT	DQVPFSVSVS	QLRALDGGNK	HFLRNOPLTF	ALOLHDPSGY
251	LAEADLSYTW	DFGDSSGTLI	SRALVVTHTY	LEPGPVTAOV	VLOAAIPLTS
301	CGSSPVPGTT	DGHRPTAEAP	NTTAGQVPTT	EVVGTTPGOA	PTAEPSGTTS
351	VQVPTTEVIS	TAPVQMPTAE	STGMTPEKVP	VSEVMGTTLA	EMSTPEATGM
401	TPAEVSIVVL	SGTTAAQVTT	TEWVETTARE	LPIPEPEGPD	ASSIMSTEST
451	TGSLGP <u>LLDG</u>	<u>TATLRL</u> VKRQ	VPLDCVLYRY	GSFSVTLDIV	OGIESAETLO
501	AVPSGEGDAF	ELTVSCQGGL	PKEACMEISS	PGCOPPAORL	COPVLPSPAC
551	QLVLHQILKG	GSGTYCLNVS	LADTNSLAVV	STOLIMPGOE	AGLGOVPLTV
601	GILLVLMAVV	LASLIYRRRL	MKQDFSVPQL	PHSSSHWLRL	PRIFCSCPIG
651	ENSPLLSGQQ	V			

### FIGURE 5B

Pmel17 ME20 gp100 cDNA25FL cDNA25TR	M M	V	Q Q	L L	  TLLSGQQV    	<b>∵</b> T∶T
	1	162		274	649	111

M 417174



Normal Tissue

Adrenal Gland
Fetal Liver
Liver
Liver
Liver
Spleen
Testis
Thymus

FIGURE 6

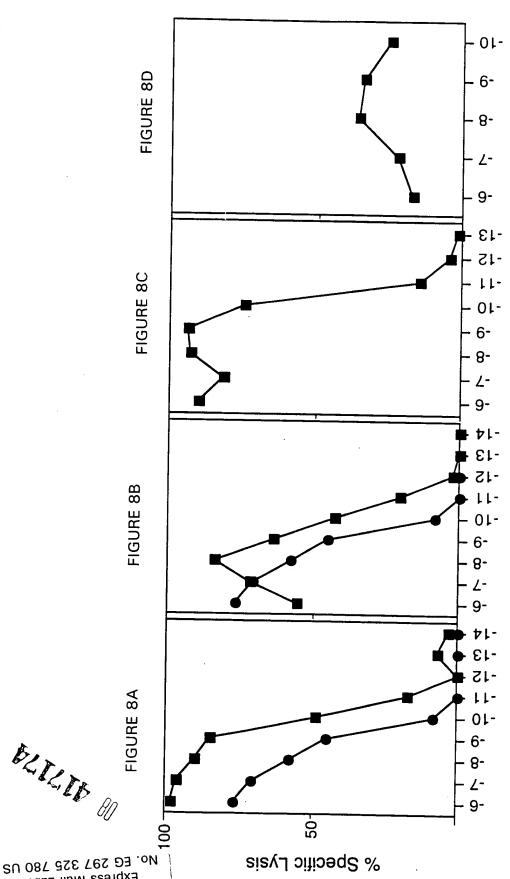
## FIGURE 74

1				VGATKVPRNQ	DWLGVSRQLR	TKAWNRQLYP
51						
21	_	EWIEAQREDC	WRGGQVSLKV	SNDGPTLIGA		PGSQKVLPDG
	C4	·				
101	-	QVIWVNNTII	NGSQVWGGQP	VYPQETDDAC	IFPDGGPCPS	GSWSQKRSFV
151					THTMEVTVYH	
131		D3	OATGGEA2GT	SIGIGRAMLG	IUIMEAIAIH	RRGSRSIVPL
	D5	;	D5			
	D4					D4
201				QLRALDGGNK	HFLRNQPLTF	ALQLHDPSGY
	C4	<b></b>				
251		T A D A D T CLUMNI	DEGE GGGT T	ana		
251	-	LAEADLSYTW			LEPGPVTAQV	VLQAAIPLTS
25		\		. <del>4</del>		
301		CGSSPVPGTT	DGHRPTAEAP	NTTAGQVPTT	EVVGTTPGQA	PTAEPSGTTS
25	TF	<b>}</b>				
351	_	VQVPTTEVIS	TAPVQMPTAE	STGMTPEKVP	VSEVMGTTLA	EMSTPEATGM
		{ <b></b>				
401	_	TPAEVSIVVL	SGTTAAQVTT	TEWVETTARE	LPIPEPEGPD	ASSIMSTESI
451		magi ani i na				
		1G2FG5 <u>FFDG</u>	TATLRLVKRQ	VPLDCVLYRY	<u>GSFSV</u> TLDIV	QGIESAEILQ
501		AVPSGEGDAF		PKEACMEISS	PGCQPPAQRL	CQPVLPSPAC
		\			FGCQFFAQRL	CQFVDFSFAC
551		QLVLHQILKG	GSGTYCLNVS	LADTNSLAVV	STQLIMPGQE	AGLGQVPLIV
25	TF	\				
601	-			${\tt MKQDFSVPQL}$	PHSSSHWLRL	PRIFCSCPIG
		\				
651	_	ENSPLLSGQQ				
25	Ιŀ	\	-25TR			

A CATATA

## FIGURE 7B

DNA fragment	620-1	620-2	TIL 660-1	1143	1200	08 417174
D3	<del>-</del>	-	_	<del>-</del>	-	- <del>-</del>
D5	-	+	-	-	+	
D4	-	+	-	-	+	
C4	+	+	+	+	+	
25TR	-	-	+	+	+	



Log Peptide Concentration (g/ml)

Express Mail Label US, EG 297 325 780 US